

Amendments to the Claims: This listing of claims will replace all prior versions, and listings, of claims in the application

Listing of Claims:

1. (Currently Amended) An electrocatalyst ink comprising one or more electrocatalyst metals and one or more proton-conducting polymers, ~~characterised in that~~ wherein the electrocatalyst ink further comprises particulate graphite which is present at a loading of 1 to 40 weight % with respect to the weight of the electrocatalyst.
2. (Original) An electrocatalyst ink according to claim 1, wherein the particulate graphite is present at a loading of 2 to 25 weight % with respect to the weight of the electrocatalyst.
3. (Currently Amended) An electrocatalyst ink according to claim 1 ~~or claim 2~~, wherein the electrocatalyst metal is platinum.
4. (Currently Amended) An electrocatalyst ink according to ~~any preceding claim 1~~, wherein the electrocatalyst is either a supported metal catalyst or an unsupported finely divided metal black.
5. (Original) An electrocatalyst ink according to claim 4, wherein the electrocatalyst metal is supported on a high surface area particulate carbon.
6. (Currently Amended) An electrocatalyst ink according to ~~any preceding claim 1 further comprising a solvent~~, wherein at least 75 weight % of the solvent is water.
7. (Currently Amended) An electrocatalyst ink according to ~~any preceding claim 1~~, wherein the solids content of the electrocatalyst ink is between 5 and 50 weight %.
8. (Currently Amended) An electrocatalyst ink according to ~~any preceding claim 1~~, wherein the weight ratio of the electrocatalyst: proton-conducting polymer is between 1:1 and 10:1.
9. (Currently Amended) A process for preparing an electrocatalyst ink ~~according to any one of claims 1 to 8~~, said process comprising mixing one or more electrocatalyst materials with the one or more proton-conducting polymers and the a particulate graphite in a liquid medium, ~~which may be aqueous or organic~~ wherein the particulate graphite is

present at a loading of 1 to 40 weight % with respect to the weight of the electrocatalyst.

10. (Currently Amended) A process for preparing an electrocatalytic layer using an electrocatalyst ink according to ~~any one of claims 1-8~~ claim 1, said process comprising applying the electrocatalyst ink to a substrate.
11. (Currently Amended) A gas diffusion electrode comprising a gas diffusion substrate and an electrocatalytic layer prepared using an electrocatalyst ink according to ~~any one of claims 1 to 8~~ claim 1.
12. Currently Amended) A catalyst coated membrane comprising a solid polymer membrane and an electrocatalytic layer prepared using an electrocatalyst ink according to ~~any one of claims 1 to 8~~ claim 1.
13. (Currently Amended) A membrane electrode assembly comprising an electrocatalytic layer prepared using an electrocatalyst ink according to ~~any one of claims 1 to 8~~ claim 1.
14. (New) A process according to claim 9, wherein the liquid medium is aqueous.
15. (New) A process according to claim 9, wherein the liquid medium is organic.
16. (New) An electrocatalyst ink according to claim 1, wherein the electrocatalyst is a supported metal catalyst.
17. (New) An electrocatalyst ink according to claim 1, wherein the electrocatalyst is an unsupported finely divided metal black.